

American Recovery and Reinvestment Act of 2009: State Labor Market Information Improvement Grants

Recovery Act: Competitive Grants for Green Job Training

On February 17, 2009, President Barack Obama signed into law the American Recovery and Reinvestment Act of 2009 (Recovery Act) through which Congress intended to preserve and create jobs, promote the nation's economic recovery, and assist those most impacted by the recession. The purpose of these grants, which fund both green job training and research projects, is to teach workers the skills required in these emerging energy efficiency and renewable energy sectors. These efforts will lead program participants to job placement while leveraging other Recovery Act investments intended to create jobs and promote economic growth.

State Labor Market Information Improvement Overview

The State Labor Market Information (LMI) Improvement grant program is supporting the research and analysis of labor market data to assess economic activity in energy efficiency and renewable energy industries and identify occupations within those industries. These grants invest in state and consortium models designed to collect, analyze, and disseminate labor market information, and enhance the labor exchange infrastructure for careers within energy efficiency and renewable energy industries. State Workforce Agencies will use this workforce and labor market information and data as the foundation on which to build and implement effective workforce development strategies. Multiple State Workforce Agencies partnering as a consortium will use this program to conduct research that may potentially have a regional, multi-State, or national impact.

These investments are designed to achieve the following outcomes:

- The development of effective methods for estimating the impact on industry and occupational employment resulting from implementation of green technologies.
- The dissemination of research and data through outreach strategies that inform job seekers, the public workforce system, education and training providers, and other organizations of the occupational skills and growing needs of the energy efficiency and renewable energy industries.
- The development of other related research that provides insight into the State regulatory environment, an understanding of current programs of study and related credentials, and an identification of capital investments in green industries.
- The posting of job openings to online job banks that will be highlighted for easy recognition as green jobs by job seekers, as well as the highlighting or development of other online tools and approaches that will encourage local residents to prepare for and apply for jobs being created in their local area.

Grantee Summaries

Thirty awards ranging from approximately \$763,175 to \$4 million each were made to the State Workforce Agencies included in the lists below:

Award-Winning Consortia

Grantee: Indiana Department of Workforce Development

Location of Grant Activities: Indiana, Michigan, and Ohio

Amount: \$4,000,000

Key Partnerships: Michigan Department of Energy, Labor and Economic Growth – Bureau of Labor Market Information and Strategic Initiatives; Ohio Department of Jobs and Family Services – Labor Market Information Bureau; Indiana Department of Workforce Development – Research & Analysis

Project Description: Working as a Tri-state consortium, the proposed project will coordinate research efforts to assist employers, employees, and dislocated auto workers undergoing auto industry restructuring by developing alternative career pathways in energy efficiency and renewable energy industries and occupations. The project will examine and conduct research in four key areas related to auto restructuring and green job transitioning; 1) Auto Industry Transformation: Including the identification of new skills and requirements in restructuring auto industries, 2) Supply Chain Transformation: Examining how this related auto industry has been affected and understanding the new demands and skills within this industry, 3) Alternative Career Pathways: Includes using jobs in the green economy to help identify alternative career pathways for dislocated auto and auto parts workers, and 4) A Skills Gap Analysis: which will identify the current and projected skill gaps of the auto workforce, as well as the necessary training needed to transition into green occupations and other high demand sectors.

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Grantee: State of Louisiana Office of Occupational Information Services,
Research and Statistics Division

Location of Grant Activities: Louisiana and Mississippi

Amount: \$2,279,393

Key Partnerships: Mississippi Department of Employment Security, Louisiana and Mississippi State Workforce Investment Boards, Louisiana State University, and Mississippi State University

Project Description: The Louisiana Workforce Commission and the Mississippi Department of Employment Security will create a consortium to research green related economic activity within both states to identify and target green jobs in the region. Project activities will include a survey of green industry employers, the development of multiple reports summarizing industry and occupational

competency models, and data mining of Unemployment Insurance claims and job banks. The project will produce a dynamic labor market information tool to help job seekers find employment opportunities in green industries, employers to better assess their hiring needs and opportunities for expansion, and educators and training providers to develop occupational training and certification curricula necessary to develop green industries in the region.

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Grantee: Maryland Department of Labor, Licensing and Regulation

Location of Grant Activities: Maryland, District of Columbia, and Virginia

Amount: \$4,000,000

Key Partnerships: Maryland Department of Labor, Virginia Employment Commission, District of Columbia Department of Employment Services, District of Columbia's Workforce Investment Council, Maryland Governor's Workforce Investment Board, and Virginia Workforce Council

Project Description: The Mid-Atlantic Regional Collaborative (MARC) Green Consortium proposes to conduct a regional survey in the three state region (Maryland, District of Columbia, and Virginia) that will define the region's green economy by identifying types of green jobs, their requirements and other occupational characteristics at the state, regional, and local levels. This baseline measure along with an estimate of the impact of green technology and other green investments on job creation will be used to track occupational growth and contribute to the development of a regional green workforce development plan.

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Grantee: Montana Department of Labor and Industry

Location of Grant Activities: Montana, Iowa, Nebraska, North Dakota, South Dakota, Utah, and Wyoming

Amount: \$3,877,949

Key Partnerships: Montana Department of Labor & Industry, Iowa Workforce Investment Board, Nebraska Department of Labor, Job Service North Dakota, South Dakota Department of Labor, Utah Department of Workforce Services, Wyoming Department of Workforce Services, Wyoming Department of Employment

Project Description: This project entitled, "Researching the Green Economy" would create a consortium consisting of workforce agencies in seven contiguous states to improve labor market information (LMI) collection and research in order to enhance the labor exchange system for green careers within and

between the participating states. This collaborative effort will allow researchers to effectively distribute green surveys, devise new methods to close the information gap pertaining to green jobs, and research the impact of green technologies on the workforce. The resulting research aims to build a sustainable dialogue relating to green labor demand and supply, build an LMI system sustaining those relationships and establish a design for evaluation as an integral part of a sustained effort.

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Grantee: Nevada Department of Employment, Training and Rehabilitation
Location of Grant Activities: Nevada, Colorado, Florida, Illinois, New York, North Carolina, Texas, and Utah

Amount: \$3,753,000

Key Partnerships: Colorado Department of Labor and Employment, Florida Agency for Workforce Innovation, Illinois Department of Employment Security, New York Department of Labor, North Carolina Employment Security Commission, Texas Workforce Commission, and the Utah Department of Workforce Services.

Project Description: The project proposes to modernize the national projections program, a statistical program, to improve and sustain states' ability to provide information on current and future industry and occupation demand. The project's collaborative effort will develop new tools and training to allow states to routinely provide information on current and future skills demand developed in the context of the O*NET framework; provide enhancements to current tools and training and include features in new tools and training to allow states to provide information on current and future demand of green industries, occupations and skills; and, develop a plan for efficient delivery of a multi-modal approach to projections training. The major result of this effort will be a modernized projections infrastructure that enables the workforce system, education, and economic development partners to have timely, comprehensive intelligence on the green economy to integrate into the labor exchange system.

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Grantee: Vermont Department of Labor

Location of Grant Activities: Vermont, Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, and Rhode Island

Amount: \$3,999,923

Key Partnerships: Conference Board, Georgetown University Center on Education and the Workforce, Direct Employer Association, National Association of State Workforce Agencies, and National Labor Exchange partnership

Project Description: The Northeast Consortium's "Making Green Real" proposal is designed to put a solid research framework around the discussion of the green economy and allow all the customers who will employ, train, and work in the field to make decisions based on solid information. The project aims to create a region-wide information distribution web site, clear definitions of green occupations and green industries, auto-coding of jobs and firms based on green definitions, estimates for green jobs and industries produced quarterly, 6 to 12 month vacancy projections covering green and non-green jobs, expanded information based on real time analysis, a green employer list where green tags will be applied to the InfoUSA employer database, and information to assist educators to design new and improved training.

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Award-Winning Organizations

Grantee: Alabama Department of Industrial Relations

Location of Grant Activities: Alabama

Amount: \$1,145,210

Key Partnerships: Alabama Department of Industrial Relations, Labor Market Information Division (LMI) of the Alabama Department of Industrial Relations, and Governor's Office of Workforce Development

Project Description: The Alabama ARRA LMI Improve Grant proposes to develop county and regional labor profiles that provide information on labor supply and demand, occupational projections, skills and requirements by industry, vacancies, and certification requirements. The research will focus on higher-wage and higher-skill jobs, as well as green jobs and industries in Alabama's ten workforce development regions. The information compiled in the regional labor profiles of green industries and occupations and high wage and high skill jobs will be shared with workforce and economic development officials at the local, regional, and state levels. In addition, electronic versions of all reports will be posted on the project website.

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Grantee: Alaska Department of Labor and Workforce Development

Location of Grant Activities: Alaska

Amount: \$800,000

Key Partnerships: Alaska Department of Labor & Workforce Development, Division of Business Partnership, Division of Employment Security, Alaska Workforce Investment Board, University of Oregon/intoCareers

Project Description: As proposed in this project, the Alaska Department of Labor & Workforce Development will quantify green jobs in Alaska, determine the supply and demand for green workers, identify green training programs and enhance Alaska's online labor exchange to enable green-related job searches. Data collection strategies include the distribution of green job surveys to both experts and employers, development of green career lattices, and creation of green jobs skills profiles using the Skills Based Projections system. This project promises to deliver a wide array of LMI products to better target training education and investments leading to more informed public policies.

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Grantee: Arizona Department of Economic Security

Location of Grant Activities: Arizona

Amount: \$1,211,045

Key Partnerships: Arizona Department of Commerce, Energy Office of the Arizona Department of Commerce, Arizona Department of Education, Arizona Community College system, and Arizona Association of Economic Development

Project Description: The grantee will conduct a broad analysis of global business, economic and technology trends. Surveys will be conducted to provide state level data and information on green jobs, green industries, and green jobs vacancy rates. The grantee will also redesign its workforce website to improve the labor market information provided on green jobs and industries and to provide access to online and classroom. Information from this project will include key global macro, economic, business, and technology trends in green jobs and industries. Resources will include access to training leading to industry recognized credentials, certification, or degrees specific to green industries.

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Grantee: California Indian Manpower Consortium, Inc.

Location of Grant Activities: Sonoma and Mendocino Counties, California

Amount: \$100,000.00

Key Partnerships: California Indian Manpower Consortium, Inc (CIMC), U.S. Science and Technology (USST), Hopeland Band of Pomo Indians, Resource for Native Development, and Northern California Tribal Economic Development Consortium

Project Description: CIMC's "Introducing new technology and green jobs to Indian country" program proposes to develop the curriculum for a three tier training program in order to facilitate the development of jobs in local waste-to-energy facilities. The project funds will be focused on capacity building as well as a first tier, or entry level core curriculum that will serve as a support system to prepare participants to succeed in conventional skills training as well as address "soft skills" such as interview techniques. As tribes send their members through this tri-level training program the goal is for the tribes to eventually take over ownership and management of the facility.

Project Outcomes: The anticipated outcomes of this project include a full training program that will address the need for training in the waste-to-energy industry. Additionally, participants will directly benefit as they gain training for a new green industry with the potential for fast growth.

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Grantee: Delaware Department of Labor

Location of Grant Activities: Delaware

Amount: \$889,404

Key Partnerships: Delaware Department of Labor, Office of Occupational and Labor Market Information, Delaware Workforce Investment Board, University of Delaware's Center for Applied Demography & Survey Research

Project Description: The Delaware Green Jobs Initiative is designed to facilitate the development of a strategic plan for encouraging the expansion and implementation of green jobs in the state. The project includes a comprehensive set of five different but related initiatives. The resulting research will provide real-time data on crucial information such as the number and types of current green jobs, current vacancies and growth potential in green jobs, the necessary skills and training required for these jobs, and potential wages in the green job sector. Additionally, this project will work to enhance the labor exchange infrastructure through the publication of green job openings on Delaware's JobLink system.

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Grantee: Florida Agency for Workforce Innovation

Location of Grant Activities: Florida

Grant Amount: \$1,250,000

Key Partnerships: Florida Labor Market Statistics Center, Workforce Florida, Inc., Florida Department of Education, Florida Chamber of Commerce,

Alternative Energy Banner Center/Florida Solar Energy Center, a number of regional Workforce Investment Boards

Project Description: The Florida Agency for Workforce Innovation, Labor Statistics Center will conduct a study that will encompass a statewide green jobs survey of approximately 60,000 employers stratified by workforce region by industry by size and a green labor exchange portal. The survey will identify the occupations that are linked to a set of green activities in the economy and will also collect additional skills and certifications related to green jobs. Final data produced will be an inventory of green jobs in Florida by industry, occupation, and workforce region. New skills and certifications will be included in Florida's labor exchange system, and a skills/certification report by occupations will be made available.

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Grantee: Georgia Department of Labor

Location of Grant Activities: Georgia

Grant Amount: \$1,177,975

Key Partnerships: Georgia Career Information Center at Georgia State University, Governor's Office of Workforce Development

Project Description: The Georgia Department of Labor will develop and administer a brief survey of Georgia businesses that will capture information on the green jobs currently available, future green job openings and green job vacancies that will enhance the Georgia Career Information System (GCIS). The Georgia Career Information System (GCIS) will develop a definition for green companies and provide a list of green companies within each industry in GCIS, develop a green topic for each occupation, and create new green career profiles. The data gathered will be used to inform the economic development, education and workforce development communities in Georgia about the availability of green jobs, areas for potential growth and ways that job seekers can prepare for these jobs.

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Grantee: Hawaii Department of Labor and Industrial Relations

Location of Grant Activities: Hawaii

Amount: \$1,247,343

Key Partnerships: Department of Labor and Industrial Relations, Workforce Development Council (State Workforce Investment Board), Department of Business, Economic Development and Tourism, University of Hawaii System, and Local Workforce Investment Boards

Project Description: The Labor Market Information Improvement Initiative for the State of Hawaii proposes to assist in its statewide transformation to become 70 percent reliant on renewable energy by 2030. The State will provide energy sector participants the best available and reliable Labor Market Information for existing industries and sectors, and for those that are emerging. Products will include occupation and skills reports for industries, industry-sectors, State and local areas; a green sector Web site; asset map of green employers and training providers; new career pathways and rapid reemployment tools; and training and awareness activities.

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Grantee: State of Idaho Department of Labor

Location of Grant Activities: Idaho

Grant Amount: \$1,250,000

Key Partnerships: Idaho Department of Labor's Communications and Research Division, Idaho Career Information System, Idaho State Board of Education, Idaho Workforce Development Council, The Center for Advanced Energy Studies

Project Description: A comprehensive green jobs survey will be conducted that will define green businesses and occupations; establish benchmarks for measuring dissemination strategies and outreach efforts; identify existing, expanding and emerging green business and occupations; identify certification and licensure required for these green occupations; estimate demand for these occupations; identify and estimate future supply of human capital, and estimate training gaps. A jobs vacancy survey to measure skills and occupational gaps will also be implemented.

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Grantee: Iowa Workforce Development

Location of Grant Activities: Iowa

Amount: \$1,172,614

Key Partnerships: The Office of the Governor of Iowa (I-Gov), Iowa Workforce Development (IWD), Iowa Central Community College, MidAmerican Energy, University of Northern Iowa's Institute for Decision Making

Project Description: Iowa is proposing to develop a comprehensive analysis of both the labor supply and the labor demand of Iowa's green economy. The labor demand research will utilize survey instruments, BLS workforce data, and study the state's need for building deconstruction and recycling. This work will inform the analysis of occupational demands, skill needs, and current and future job openings. The labor supply research will use IWD's data collection tools to develop a Human Capital Inventory of workers that will include: worker locations, income levels, education, skills, experience and willingness to relocate or change to a Green Economy job.

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Grantee: Kentucky Education and Workforce Development Cabinet

Location of Grant Activities: Kentucky

Grant Amount: \$1,250,000

Key Partnerships: Kentucky's Office of Employment and Training (OET), Kentucky Workforce Investment Board, Kentucky's Energy & Environment Cabinet, Kentucky Energy Sector Partnership, University of Kentucky, Kentucky Community & Technical College System

Project Description: Kentucky's OET will coordinate the collection and analysis of labor market data to assess economic activity in energy efficiency and renewable energy industries and identify occupations within those industries. OET will collect information regarding green job duties such as those related to reducing energy usage, lowering carbon emission, and protecting Kentucky's natural resources. This survey will include a vacancy survey to determine existing and future job opportunities and will provide a detailed assessment of occupations with green job duties and assist the workforce system in devising strategies for ensuring adequate training for this emerging sector. A labor supply database to provide detailed data on existing labor supply and job seekers from Employ Kentucky Operating System (EKOS) will be developed, along with a skills analysis tool that provides transitioning jobseekers with alternate career pathways.

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Grantee: Minnesota Department of Employment and Economic Development

Location of Grant Activities: Minnesota

Amount: \$1,155,488

Key Partnerships: Minnesota's Workforce Information Board, Department of Commerce, Office of Energy Security, Minnesota State College and University System

Project Description: Minnesota's State Labor Market Information Improvement Program proposes a four-part research project that will fill the green information gap and enhance labor exchange infrastructure and efforts. This project will leverage Minnesota's established Job Vacancy Survey (JVS), to conduct an in-depth follow-up Green Jobs Survey; mine Minnesota's state job bank for additional data and to identify green job openings; collect comprehensive data on green educational programs; develop an enhanced state specific crosswalk between occupations and training courses; and develop industry competency models for key groups of new and emerging green occupations. The research will identify demand for green jobs, skill requirements, and labor force shortages. Furthermore, this information will be utilized in order to ensure that education curriculum is aligned with the greening of the economy.

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Grantee: Missouri Department of Economic Development

Location of Grant Activities: Missouri

Amount: \$1,227,192

Key Partnerships: Missouri Economic Research and Information Center (MERIC), Regional Workforce Investment Boards, State Workforce Investment Board, and the Missouri Department of Natural Resources

Project Description: The project proposes to improve the level of information available to job seekers who are most disadvantaged in the current economy, especially given the large impact the automotive sector has endured. Additionally, the proposal seeks to inform training providers of the critical skills that job seekers need to be successful in a green opportunity career. Products will include a green industry demand survey and report, green occupation projections, training provider survey and report, green pathways competency model, rapid response career guidance publications, and enhanced career exploration tool.

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Grantee: New Jersey Department of Labor and Workforce Development

Location of Grant Activities: New Jersey

Amount: \$1,249,995

Key Partnerships: New Jersey State Employment and Training Commission, State Workforce Investment Board, Northeast Research Consortium, New Jersey State Clean Energy Partnership, and New Jersey Commission on Higher Education

Project Description: To provide information and tools to job seekers to identify pathways to new green careers and careers in emerging industries, identify high demand green and non-green jobs, and the skills required to attain these jobs. Project deliverables will include a web-based delivery tool for real-time supply and demand analysis; a rapid reemployment system that guides unemployment claimants into the right job or training program, and provides local One-Stop Centers with immediate access to individuals in need of significant intervention; and, a searchable database that will use sophisticated matching technology for matching the right programs and courses to job seeker occupational skills or knowledge gaps.

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Grantee: New Mexico Department of Workforce Solutions

Location of Grant Activities: New Mexico

Grant Amount: \$1,250,000

Key Partnerships: Arrowhead Center at New Mexico State University, New Mexico State Workforce Development Board, New Mexico Public Education Department, New Mexico Higher Education Department

Project Description: In order to gain a better picture of green-related workforce needs, a statewide employer baseline and follow-up survey will be developed and conducted. The survey instrument will include details such as job titles at the worksite; the number of workers; any specific training or certifications needed for jobs; and whether the employer is pursuing or receiving Recovery Act funds. A thorough educational inventory will also be conducted. Green Recovery Workstations will include software that will enable job seekers to create and access inventories of current skills and match those skills to green occupations where their skills are transferable will also be developed and accessible to the workforce community.

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Grantee: New York State Department of Labor

Location of Grant Activities: New York

Amount: \$1,112,207

Key Partnerships: New York State Department of Labor (Research and Workforce Divisions), State University of New York, System Office of Business and Industry Relations, The Energy and Environmental Technology Applications Center at the University of Albany's College of Nanoscale Science and Engineering

Project Description: The New York State LMI Improvement Grant proposes to draw on labor market research focused in the areas of renewable energy, energy efficiency and clean technology industries to prepare for the successful implementation of New York's 2009 State Energy Plan. A key focus of the research will examine 13 green clusters with the following points of analysis: reviewing the characteristics of current and projected green employment, training needs and current capacity, identify new occupations resulting from green technology, and, lastly, the grant proposes to assess the impact of green jobs as result of Recovery Act funding and other green investments.

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Grantee: Employment Security Commission of North Carolina

Location of Grant Activities: North Carolina

Amount: \$946,034

Key Partnerships: North Carolina Labor Market Information Division, North Carolina Commission on Workforce Development, North Carolina State Energy Office, North Carolina Community College system, University of North Carolina, and North Carolina Sustainable Energy Association

Project Description: The project will conduct a large scale survey of North Carolina companies and will research how the state's Help Wanted Online (HWOL) dataset can be used to estimate local and real-time employment demand and identify green occupational skill requirements and work tasks. Results of the survey will assist North Carolina in understanding the impact of implementing green technologies on industry and occupational employment. Project deliverables will include a report on the findings of the employer survey and HWOL research, green industry and occupational factsheets, green industry and occupational web-based modules that will enable searches of the survey estimates, and a web-based tool to estimate the supply of human capital for green jobs within a user-defined geographic area.

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Grantee: Ohio Department of Job and Family Services

Location of Grant Activities: Ohio

Amount: \$1,015,700

Key Partnerships: Ohio Department of Jobs and Family Services, Ohio Governor's Workforce Policy Advisory Board, Ohio Board of Regents, and the University System of Ohio

Project Description: The proposed project will begin by identifying the industry and occupation sectors, as well as key green employers in each of Ohio's economic regions. Working with regionally appropriate green sectors and key green employers around which Ohio will structure green workforce development, the project will assess skills gaps for green jobs by evaluating current green job definitions and measures, mapping educational curricula assets, and identifying curriculum gaps. With the findings of the proposed project, the grantee will develop a green jobs curriculum, produce an Ohio green jobs training directory, disseminate green career pathways modules and information through One-Stops and WIA-eligible training providers, and develop new green jobs interfaces for the state labor exchange system.

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Grantee: State of Oregon Employment Department

Location of Grant Activities: Oregon

Grant Amount: \$1,250,000

Key Partnerships: Oregon Workforce Investment Board, Oregon Department of Community Colleges and Workforce Development, Oregon Career Information System, and Oregon's community college system

Project Description: The Oregon Employment Department (OED) will build on Oregon's recent green jobs survey to get detailed information on green occupations and industries of particular interest and disseminate the data widely through direct labor market information including reports, articles, and brochures. The OED will also create a community college green training performance system that will track student outcome data for students in programs preparing for green jobs. Investments will be made in system information and infrastructure, incorporating AutoCoder and Green Jobs Extractor into the WorkSource Oregon Information System. New green career pathways will be found at the community college level, and an estimated 30 WorkKeys profiles of at least 10 different occupations will be created to identify the skills needed to successfully perform green jobs.

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Grantee: Commonwealth of Pennsylvania, Department of Labor and Industry

Location of Grant Activities: Pennsylvania

Amount: \$1,250,000.00

Key Partnerships: Pennsylvania's Center for Workforce Information and Analysis, Pennsylvania's L&I (Department of Labor and Industry), Penn State University, Pennsylvania State Workforce Investment Board

Project Description: Pennsylvania will engage agencies, local workforce boards, employers and industry partnerships to guide the collection, analysis and dissemination of real-time labor market data on the green economy necessary to align the state's workforce infrastructure with evolving employer demands. The grantee will perform a statewide baseline survey of the green economy to estimate current and future green jobs, critical occupations, and skill needs in emerging occupations. Data collected in this survey will be validated through employer focus groups, knowledge of industry partners, and job task analyses of subject matter experts. This data will provide detailed information needed to target workforce investments to the needs of green industries. Research will culminate in the development of an automated career tool to market green jobs to job seekers that will include information on wages, career paths, education and certification requirements.

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Grantee: Puerto Rico Department of Labor and Human Resources

Location of Grant Activities: Puerto Rico

Amount: \$1,248,388

Key Partnerships: Human Resources and Occupational Development Council, Puerto Rico Energy Affairs Administration, Public Service Energy Committee, Office of the Governor, Puerto Rico Industrial Development Corporation, Puerto Rico Trade Company

Project Description: Puerto Rico will develop a comprehensive labor market information system to identify and enhance green jobs and industries. Puerto Rico will identify green activity characteristics and develop a system to make information available on green industry composition and projections; industry clusters and economic data; academic skills requirements; academic, technical, and vocational courses, degrees, licenses, and certifications; job openings; and related supportive services.

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Grantee: South Carolina Department of Commerce

Location of Grant Activities: South Carolina

Amount: \$763,175

Key Partnerships: South Carolina State Workforce Investment Board, Clemson University's Strom Thurmond Institute of Government and Public Affairs, State Energy Office, South Carolina Employment Security Commission, South Carolina Technical College System, South Carolina Department of Education, Aiken (SC) Technical College/ Aiken-Edgefield (SC) Economic Development Partnership.

Project Description: This project proposes to define and measure South Carolina's green economy for workforce and economic development in the state. Grant activities will include assessment of the potential and impact of the hydrogen and alternative energy industries as well as advanced manufacturing with an emphasis on environmentally sustainable processes. The State will develop and disseminate reports and analyses of the state's green economy, lists of courses and programs that develop or enhance skills and competencies relevant to green jobs, develop of competency models for key green industries and career pathways for key green occupations, highlight postings of green job openings in the state's JobLink online job bank, and establish a web presence for information on the state's green economy.

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Grantee: Tennessee Department of Labor and Workforce Development

Location of Grant Activities: Tennessee

Amount: \$765,340

Key Partnerships: Tennessee Department of Labor and Workforce Development Divisions, The State Workforce Investment Board, Middle Tennessee State University, Business and Economic Research Center

Project Description: Through a comprehensive employer based survey, the Tennessee Recovery Act LMI Improvement Grant will gather and disseminate findings on employment data in established and new green job opportunities as a result of new public and private interest in renewable transportation, sustainable agriculture, and Federal funding focused on the State's burgeoning green economy. This survey will expand on prior green research (*Growing Green: the Potential for Green Job Growth in Tennessee 2008*) by providing current estimates for the number of green jobs and green job vacancies within the 13 labor and workforce investment areas of Tennessee. A particular focus of the grant is to help workers affected by significant automotive-related restructurings connect to career pathways in green industries. Additionally, the Tennessee grant will

develop an enhanced on-line self-service labor exchange module to assist and partner green job seekers with respective employers.

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Grantee: Washington State Employment Security Department

Location of Grant Activities: Washington

Amount: \$1,060,910

Key Partnerships: Washington State Employment and Career Development Division, and Department of Ecology

Project Description: The project will combine green jobs data with existing workforce information to create a comprehensive set of tools and reports to assist job seekers and job counselors in transitioning people into green jobs. The project will also create a network of data exchange services. Project deliverables will include an enhanced green occupational profile and comparison reports, integrated data services to exchange information with other state systems, enhanced and integrated workforce and economic monitoring and analytical tools, and an online training resource to promote the understanding of workforce and economic concepts and the green economy.

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